

FLIGHT INSPECTION

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Flight Inspector: I Qvist: 0834512642
Admin Officer: Elna Olivier: 011 5451358

CIVIL AVIATION AUTHORITY

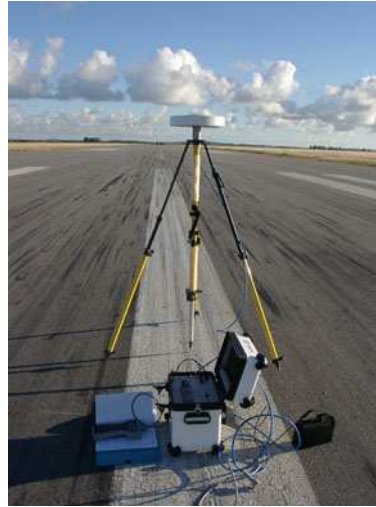
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VISION

To provide a safe, reliable, effective and fully integrated Flight Inspection service which will best meet the needs of the participating economies in the SADC region, thus improving aviation safety, in these contracting states to ICAO Standards and Recommended Practices.

MISSION

To work in a transparent, accountable manner with countries in the Southern African region so as to provide an affordable, safe and sustainable international flight inspection service. Employing new technology solutions for improving the standards in navigational aids.

FLIGHT INSPECTION

Flight inspection encompasses those tests carried out in the air by a trained and licensed flight inspector in a specially equipped aircraft, to establish the validity of signals in space of navigational facilities and the proper installation of aerodrome and visual aids. A flight inspector harmonises the three elements associated with flight inspection, namely; pilots, airframe and flight inspection technology, resulting in a highly sophisticated tool to perform the flight inspection function to ICAO Standards and Recommended Practices.

Flight inspection is an integral part of the Civil Aviation Authority in the Republic of South Africa, performing all flight inspection internally and in some neighbouring states.



EQUIPMENT

CARNAC 21 manufactured by SAGEM.

The CARNAC 21 is a fully automatic lightweight multitask system for the calibration of nav-aids. The trajectory system used is DGPS based giving an accuracy of 10 centimetres.

The system complies with the following ICAO standards and recommended practices for flight inspection:

ICAO DOC 8071 (Vol. 1 and 2)
ICAO Annex 10
ICAO Annex 14

Capabilities

Landing aids:
ILS Cat I, II and III
MKR
DME
VASI
PAPI

En-route Nav aids
VOR
TACAN
NDB
DME
SSR
VHF com

Aircraft

Cessna Citation SII

